DSS L4 changes and RbR parent changes based on RTM BASELINE0126

Corrections in response to DID 304 Rejection by NASA

Changes since original CCR submittal based on comments from SMO (Joe Guzek) and QA (Robin Griffin):

- 1) uncapitalized shall and inserted comma after i.e. in DSS-30515
- 2) added link from DSS-20462 to DADS0282#B
- 3) added phrase "of management data" in DSS-00831, 00832, 00833, 00834 4) changed "period times" to "intervals" in S-DSS-20920
- 5) deleted interpretation for new DADS1450#C; and added new table 5 to add this Rel C RbR
- 6) did not break link for DSS-03122 and DSS-03124 to DADS0210#B

Table 1 - Master reference table for DSS L4 Changes for IDR B DID 304 Comments

L4 ID	Rel	RT	L4 Text	Clarification	Req Type	RbR ID	RT	RbR Text	RbR	Interpretation
		M					M		Type	
		Key					key			
S-DSS-	<u>A</u>		The SDSRV CI shall collect and provide		<u>interface</u>	<u>IMS-</u>		The IMS element shall collect the	functional	A: Security
00821			Fault Management data to the MSS using a			<u>1620#A</u>	5563	management data used to support		management
			MSS provided Fault Management API.					the following system management		data
								functions:		
								a. Fault Management		
								b. Configuration Management		
								d. Accountability Management		
								e. Performance Management		
								f. Security Management		
a Daa	A	 				DAG 1620//D	ļ	g. Scheduling Management.	C .: 1	
S-DSS- 00821	<u>A</u>		The SDSRV CI shall collect and provide		<u>interface</u>	<u>IMS-1620#B</u>	5375	The IMS element shall collect the	functional	
00821			Fault Management data to the MSS using a MSS provided Fault Management API.				33/3	management data used to support		
			MSS provided Fault Management API.					the following system management functions:		
								a. Fault Management		
								b. Configuration Management		
								c. Accounting Management		
								d. Accountability Management		
								e. Performance Management		
								f. Security Management		
								g. Scheduling Management		
S-DSS-	В		The SDSRV CI shall collect and provide		interface	IMS-1620#B	1			
00822			Configuration Management data to the							
			MSS using a MSS provided Configuration							
			Management API.							
S-DSS-	<u>B</u>		The SDSRV CI shall collect and provide		<u>interface</u>	<u>IMS-1620#B</u>				
<u>00823</u>			Accounting Management data to the MSS							
			using a MSS provided Accounting							
			Management API.							
S-DSS-	<u>B</u>		The SDSRV CI shall collect and provide		<u>interface</u>	<u>IMS-1620#B</u>				
00824			Accountability Management data to the							
			MSS using a MSS provided Accountability							
			Management API.							

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Page 3								
S-DSS-	<u>B</u>	The SDSRV CI shall collect and provide	interface	IMS-1620#B				
00825		Performance Management data to the MSS						
		using a MSS provided Performance						
		Management API.						
a Dag	Ъ		• • •	D 40 1 (20 // D				
S-DSS-	<u>B</u>	The SDSRV CI shall collect and provide	<u>interface</u>	IMS-1620#B				
<u>00826</u>		Security Management data to the MSS						
		using a MSS provided Security						
		Management API.						
S-DSS-	В	The SDSRV CI shall collect and provide	interface	IMS-1620#B				
00827	D D	Scheduling Management data to the MSS	merrace	<u>11V15-1020πD</u>				
00827								
		using a MSS provided Scheduling						
		Management API.						
S-DSS-	<u>A</u>	The ACMHW CI shall support collection	interface	DADS0901#		The DADS element shall collect the	functional	A: Full fault
00831	_	and maintenance of management data for		<u>A</u>	4122	management data used to support		management
33321		Fault Management, configuration,				the following system management		reporting to
		performance, accountability, and security of				functions:		SMC/LSM
								SMC/LSM
		Data Server CI hardware resources.				a. Fault Management		
						b. Configuration Management		
						d. Accountability Management		
						e. Performance Management		
						f. Security Management		
						g. Scheduling Management		
						h. Distribution and Ingest		
						Management		
S-DSS-	<u>A</u>	The WKSHW CI shall support collection	<u>interface</u>	DADS0901#				
00832		and maintenance of management data for		A				
		Fault Management, configuration,		-				
		performance, accountability, and security of						
		Data Server CI hardware resources.						
S-DSS-	<u>A</u>	The DRPHW CI shall support collection	<u>interface</u>	DADS0901#				
00833		and maintenance of management data for		<u>A</u>				
		Fault Management, configuration,						
		performance, accountability, and security of						
		Data Server CI hardware resources.						
G Dag		Data Server CI hardware resources.	• • •	D + D 00001 //				
S-DSS-	<u>A</u>	The DIPHW CI shall support collection	<u>interface</u>	DADS0901#				
<u>00834</u>		and maintenance of management data for		<u>A</u>				
1		Fault Management, configuration,						
1		performance, accountability, and security of						
1		Data Server CI hardware resources.						
S-DSS-	Λ	The SDSRV CI shall collect and provide	interface	DADS0901#				
	A		mierrace					
00821		Fault Management data to the MSS using a		<u>A</u>				
		MSS provided Fault Management API.						
S-DSS-	Α	The STMGT CI shall collect and provide	 interface	DADS0901#				
00828	-	Fault Management data to the MSS using a		<u>A</u>				
30020		MSS provided Fault Management API.						
a Baa	_		· , c	DADGOOO!"	 		-	
S-DSS-	<u>A</u>	The DDIST CI shall collect and provide	<u>interface</u>	DADS0901#				
<u>00841</u>		Fault Management data to the MSS using a		<u>A</u>				
		MSS provided Fault Management API.						
		_ ~				·*		

Page 4									
S-DSS-	<u>A</u>	The DDSRV CI shall collect and provide		<u>interface</u>	DADS0901#				
00849		Fault Management data to the MSS using a			<u>A</u>				
		MSS provided Fault Management API.							
S-DSS-	<u>A</u>	The ACMHW CI shall support collection		interface	DADS0901#		The DADS element shall collect the	functional	B: Full
00831		and maintenance of management data for			<u>B</u>	3524	management data used to support		capability -
30001		Fault Management, configuration,			_	552 .	the following system management		CM,
		performance, accountability, and security of					functions:		Accountabilit
		Data Server CI hardware resources.					a. Fault Management		y,
		Butt Berver er nardware resources.					b. Configuration Management		Performance
							c. Accounting Management		, Security,
							d. Accountability Management		Scheduling
							e. Performance Management		Scheduling
							f. Security Management		
							g. Scheduling Management		
							h. Distribution and Ingest		
a Daa		TI WIKCIBY OF 1 11 4 11 4		·	D 4 D C 0 0 0 1 //	-	Management		
S-DSS-	<u>A</u>	The WKSHW CI shall support collection		interface	DADS0901#				
00832		and maintenance of management data for			<u>B</u>				
		Fault Management, configuration,							
		performance, accountability, and security of							
		Data Server CI hardware resources.							
S-DSS-	<u>A</u>	The DRPHW CI shall support collection		<u>interface</u>	DADS0901#				
00833		and maintenance of management data for			<u>B</u>				
		Fault Management, configuration,							
		performance, accountability, and security of							
		Data Server CI hardware resources.							
S-DSS-	<u>A</u>	The DIPHW CI shall support collection		<u>interface</u>	DADS0901#				
<u>00834</u>		and maintenance of management data for			<u>B</u>				
		Fault Management, configuration,							
		performance, accountability, and security of							
		Data Server CI hardware resources.							
S-DSS-	<u>A</u>	The SDSRV CI shall collect and provide		interface	DADS0901#				
00821		Fault Management data to the MSS using a			<u>B</u>				
		MSS provided Fault Management API.							
S-DSS-	Α	The STMGT CI shall collect and provide		interface	DADS0901#				
00828	_	Fault Management data to the MSS using a			<u>B</u>				
		MSS provided Fault Management API.			_				
S-DSS-	Α	The DDIST CI shall collect and provide		interface	DADS0901#				
00841		Fault Management data to the MSS using a		111101111100	B				
300.1		MSS provided Fault Management API.			_				
S-DSS-	Α	The DDSRV CI shall collect and provide		interface	DADS0901#				
00849		Fault Management data to the MSS using a		meruce	$\frac{B \cap B \cup B \cup B \cup B}{B}$				
1 500-7		MSS provided Fault Management API.			=				
S-DSS-	<u>B</u>	The SDSRV CI shall collect and provide		interface	DADS0901#				
00822	브	Configuration Management data to the	l	merrace	$\frac{DADS0901#}{B}$				
00022		MSS using a MSS provided Configuration	l		 				
		Management API.							

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Page 5						
S-DSS-	В	The SDSRV CI shall collect and provide	interface	DADS0901#		
00823	-	Accounting Management data to the MSS		\overline{B}		
00020		using a MSS provided Accounting				
		Management API.				
2 2 2 2	_			7.1.7.5000111		
S-DSS-	<u>B</u>	The SDSRV CI shall collect and provide	<u>interface</u>	DADS0901#		
00824		Accountability Management data to the		<u>B</u>		
		MSS using a MSS provided Accountability				
		Management API.				
S-DSS-	В	The SDSRV CI shall collect and provide	interface	DADS0901#		\neg
00825	-	Performance Management data to the MSS	merace	B		
00023		using a MSS provided Performance				
		Management API.				
0.000	- I			D + D G 00 0 1 #		——
S-DSS-	<u>B</u>	The SDSRV CI shall collect and provide	<u>interface</u>	DADS0901#		
<u>00826</u>		Security Management data to the MSS		<u>B</u>		
		using a MSS provided Security				
		Management API.				
S-DSS-	В	The SDSRV CI shall collect and provide	interface	DADS0901#		
00827		Scheduling Management data to the MSS		$ \overline{\underline{\mathbf{B}}} $		
30027		using a MSS provided Scheduling				
		Management API.				
G DGG	D	The STMGT CI shall collect and provide		DADS0901#		
S-DSS-	<u>B</u>		<u>interface</u>			
00829		Configuration Management data to the		<u>B</u>		
		MSS using a MSS provided Configuration				
		Management API.				
S-DSS-	<u>B</u>	The STMGT CI shall collect and provide	interface	DADS0901#		
00835		Accounting Management data to the MSS		<u>B</u>		
		using a MSS provided Accounting		-		
		Management API.				
S-DSS-	<u>B</u>	The STMGT CI shall collect and provide	interface	DADS0901#		-
00836	<u>D</u>	Accountability Management data to the	interrace			
00830		Accountability Management data to the		<u>B</u>		
		MSS using a MSS provided Accountability				
Į.		Management API.				
S-DSS-	<u>B</u>	The STMGT CI shall collect and provide	<u>interface</u>	DADS0901#		
00837		Performance Management data to the MSS		<u>B</u>		
		using a MSS provided Performance				
		Management API.				
S-DSS-	<u>B</u>	The STMGT CI shall collect and provide	interface	DADS0901#		\dashv
00838	=	Security Management data to the MSS	mainace	<u>B</u>		
00030		using a MSS provided Security				
		Management ADI				
0.000		Management API.		D + D 00001 "		-
S-DSS-	<u>B</u>	The STMGT CI shall collect and provide	<u>interface</u>	DADS0901#		
<u>00839</u>		Scheduling Management data to the MSS		<u>B</u>		
		using a MSS provided Scheduling				
		Management API.				
S-DSS-	В	The DDIST CI shall collect and provide	interface	DADS0901#		\neg
00842	-	Configuration Management data to the		$\frac{B}{B}$		
00072		MSS using a MSS provided Configuration		=		
		Management API.				
		wianagement AFI.				

Page 6					
S-DSS-	<u>B</u>	The DDIST CI shall collect and provide	<u>interface</u>	DADS0901#	
00843		Accounting Management data to the MSS		<u>B</u>	
		using a MSS provided Accounting			
		Management API.			
S-DSS-	B	The DDIST CI shall collect and provide	interface	DADS0901#	
	D	Accountability Management data to the	interrace		
00844		Accountability Management data to the		<u>B</u>	
		MSS using a MSS provided Accountability			
		Management API.			
S-DSS-	<u>B</u>	The DDIST CI shall collect and provide	<u>interface</u>	DADS0901#	
00845		Performance Management data to the MSS		<u>B</u>	
		using a MSS provided Performance			
		Management API.			
S-DSS-	<u>B</u>	The DDIST CI shall collect and provide	interface	DADS0901#	
00846	<u> </u>	Security Management data to the MSS	merrace	$\frac{\underline{B}\underline{R}\underline{B}\underline{B}\underline{B}\underline{B}\underline{B}\underline{B}\underline{B}\underline{B}\underline{B}B$	
00040		using a MSS provided Security			
	_	Management API.			
S-DSS-	<u>B</u>	The DDIST CI shall collect and provide	<u>interface</u>	DADS0901#	
00847		Scheduling Management data to the MSS		$ \underline{\mathbf{B}} $	
		using a MSS provided Scheduling			
		Management API.			
S-DSS-	В	The DDIST CI shall collect and provide	interface	DADS0901#	
00848		Distribution Management data to the MSS		$ \underline{\underline{B}} $	
1		using a MSS provided Distribution			
		Management API.			
S-DSS-	В	The DDSRV CI shall collect and provide	interface	DADS0901#	
00851	<u> </u>	Configuration Management data to the	meriace	<u>B</u>	
00831		MSS using a MSS provided Configuration			
		Management API.			
9 5 9 9	_			D. D. D. G.	
S-DSS-	<u>B</u>	The DDSRV CI shall collect and provide	<u>interface</u>	DADS0901#	
00852		Accounting Management data to the MSS		<u>B</u>	
		using a MSS provided Accounting			
		Management API.			
S-DSS-	В	The DDSRV CI shall collect and provide	interface	DADS0901#	
00853		Accountability Management data to the		\overline{B}	
		MSS using a MSS provided Accountability			
		Management API.			
S-DSS-	<u>B</u>	The DDSRV CI shall collect and provide	interface	DADS0901#	
00854		Performance Management data to the MSS	interrace	1 I	
00834		using a MSS provided Performance		<u>B</u>	
		Management API.			
S-DSS-	<u>B</u>	The DDSRV CI shall collect and provide	<u>interface</u>	<u>DADS0901#</u>	
<u>00855</u>		Security Management data to the MSS		$ \underline{\mathbf{B}} $	
		using a MSS provided Security			
		Management API.			
S-DSS-	В	The DDSRV CI shall collect and provide	interface	DADS0901#	
00856		Scheduling Management data to the MSS		$\left \frac{\underline{B}}{\underline{B}} \right $	
1 =====		using a MSS provided Scheduling		-	
		Management API.			
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S-DSS- 20171	<u>B</u>	3735	The STGMT CI shall provide operations personnel with the capability to screen the archive holdings for lost volumes. The STMGT CI shall provide a mechanism		<u>functional</u>	DADS1450# B	3556	Each DADS shall be capable of screening its archive holdings of Level 1A or Level 0 data, and if a product(s) is found to be lost or unreadable, generate a request for a replacement product from EDOS, dispatch the request, and ingest the replacement product. Each DADS shall be capable of	functional	Data from AM-1 spacecraft B: ONLY THE GSFC AND LARC DAACS WILL INTERFAC E WITH EDOS
20920			to statistically monitor the correctable bit error rate (BER) of archive media. Monitoring period times intervals shall be selectable by operations staff.			C		screening its archive holdings of Level 1A or Level 0 data, and if a product(s) is found to be lost or unreadable, generate a request for a replacement product from EDOS, dispatch the request, and ingest the replacement product.		
S-DSS- 20925	С	3736	The STMGT CI shall provide a mechanism to statistically monitor the raw bit error rate (BER) of archive media.		functional	<u>DADS1450#</u> <u>C</u>				
S-DSS- 20936	<u>C</u>		The STMGT CI shall initiate a medium recopy/refresh if the raw BER for the medium exceeds an operator selectable threshold.		functional	DADS1450# C				
S-DSS- 20960	С	3740	The STMGT CI shall automatically recreate the archive media if the raw BER exceeds a threshold specified by operations staff.		functional	<u>DADS1450#</u> <u>C</u>				
<u>S-DSS-</u> <u>30515</u>	<u>A</u>		The Data Server shall distribute data in the approved ECS standard format in which it is stored. (i.e., HDF-EOS, V0 native, or Landsat 7 standard format.)	A: HDF- EOS and V0 native only	<u>functional</u>	DADS0760# A	5577	The DADS shall distribute data in approved standard formats including HDF and the Landsat 7 standard format (Landsat data only.)	functional	
S-DSS- 00980	В	8759	The SDSRV CI operations staff shall have the capability to receive from the SMC, maintenance management directives.		interface					
S-DSS- 20457	<u>B</u>		The SDSRV CI shall interface with the STMGT CI to provide storage for real EOS instrument data to support pre-launch instrument checkout.		interface	DADS0281# B	3479	Each DADS shall be capable of ingesting and storing data to support the instrument science team(s) in: a. Pre-launch checkout of their instruments b. Pre-launch science checkout c. Development of initial calibration information	functional	
<u>S-DSS-</u> <u>20465</u>	<u>B</u>		The SDSRV CI shall interface with the STMGT CI to provide storage for simulated EOS instrument data to support pre-launch instrument checkout.		<u>interface</u>	<u>DADS0281#</u> <u>B</u>				

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Page 8			,				·		
S-DSS- 03492	В	8816	The SDSRV CI shall interface with the STMGT CI to provide storage for real EOS instrument data to support pre-launch checkout of the ground system.		DADS0210# B	3474	Each DADS shall be capable of receiving, at a minimum, the following types of EOS instrument data in support of pre-launch checkout of the ground system: a. Real EOS instrument data b. Simulated EOS instrument data	functional	Rel B: Data server receipt of real and simulated data.
S-DSS- 03494	В	8817	The SDSRV CI shall interface with the STMGT CI to provide storage for simulated EOS instrument data to support pre-launch checkout of the ground system.		DADS0210# B				
S-DSS- 04112	В	8837	The SDSRV CI shall be capable of supplying real EOS instrument data to support pre-launch checkout of the ground system to the DDIST CI.		DADS0210# B				
S-DSS- 04114	В	8838	The SDSRV CI shall be capable of supplying simulated EOS instrument data to support pre-launch checkout of the ground system to the DDIST CI.		DADS0210# B				
S-DSS- 20450	В	8881	The STMGT CI shall provide the capability to archive real EOS instrument data to support pre-launch checkout of the ground system.		DADS0210# B				
S-DSS- 20455	В	8882	The STMGT CI shall provide the capability to retrieve real EOS instrument data to support pre-launch check out of ground systems.		DADS0210# B				
S-DSS- 20460	В	8883	The STMGT CI shall provide the capability to archive simulated EOS instrument data to support pre-launch checkout of the ground system.		DADS0210# B				
S-DSS- 20462	В	8884	The STMGT CI shall provide the capability to retrieve simulated EOS instrument data to support pre-launch checkout of the ground system.		DADS0210# B				
S-DSS- 20462					<u>DADS0282#</u> <u>B</u>	3480	Each DADS shall be capable of storage and retrieval of real and simulated EOS instrument data in support of pre-launch checkout of the ground system.	functional	B: Simulated and real data
S-DSS- 03992	В	8830	The SDSRV CI shall interface with the STMGT CI to provide storage for real EOS instrument data to support pre-launch checkout of the ground system.	functional	DADS0210# B				
S-DSS- 03994	В	8831	The SDSRV CI shall interface with the STMGT CI to provide storage for simulated EOS instrument data to support pre-launch checkout of the ground system.	functional	DADS0210# B				

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Table 2 - Changes to LEVEL 4

Table 2 - Changes to LEVEL_4									
L4 ID	Rel	RT	L4 Text	Clarification	Req Type				
		M Key							
S-DSS-	<u>A</u>		The SDSRV CI shall collect and provide		<u>interface</u>				
<u>00821</u>			Fault Management data to the MSS using a						
			MSS provided Fault Management API.						
S-DSS-	<u>A</u>		The SDSRV CI shall collect and provide		<u>interface</u>				
00821			Fault Management data to the MSS using a						
			MSS provided Fault Management API.						
S-DSS-	<u>B</u>		The SDSRV CI shall collect and provide		<u>interface</u>				
00822			Configuration Management data to the						
			MSS using a MSS provided Configuration						
2 2 2 2	_		Management API.						
S-DSS-	<u>B</u>		The SDSRV CI shall collect and provide		<u>interface</u>				
00823			Accounting Management data to the MSS						
			using a MSS provided Accounting						
a Daa	D	-	Management API.						
S-DSS-	<u>B</u>		The SDSRV CI shall collect and provide		<u>interface</u>				
00824			Accountability Management data to the						
			MSS using a MSS provided Accountability Management API.						
S-DSS-	В	-	The SDSRV CI shall collect and provide		interface				
00825	B		Performance Management data to the MSS		interrace				
00823			using a MSS provided Performance						
			Management API.						
S-DSS-	В		The SDSRV CI shall collect and provide		interface				
00826	<u> </u>		Security Management data to the MSS		micrace				
00020			using a MSS provided Security						
			Management API.						
S-DSS-	В		The SDSRV CI shall collect and provide		interface				
00827	_		Scheduling Management data to the MSS		11110111100				
			using a MSS provided Scheduling						
			Management API.						
S-DSS-	A		The ACMHW CI shall support collection	İ	<u>interface</u>				
00831			and maintenance for Fault Management,						
			configuration, performance, accountability,						
			and security of Data Server CI hardware						
			resources.						
S-DSS-	<u>A</u>		The WKSHW CI shall support collection		<u>interface</u>				
00832			and maintenance for Fault Management,						
			configuration, performance, accountability,						
			and security of Data Server CI hardware						
G D	ļ.,		resources.						
S-DSS-	<u>A</u>		The DRPHW CI shall support collection		<u>interface</u>				
00833			and maintenance for Fault Management,						
			configuration, performance, accountability,						
			and security of Data Server CI hardware						
			resources.	<u> </u>					



S-DSS- A	<u>ce</u>
Configuration, performance, accountability, and security of Data Server CI hardware resources. S-DSS-	<u>ce</u>
and security of Data Server CI hardware resources. S-DSS- A The SDSRV CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API. S-DSS- A The STMGT CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API. S-DSS- A The DDIST CI shall collect and provide Fault Management API. S-DSS- A The DDIST CI shall collect and provide Fault Management API. S-DSS- A The DDSRV CI shall collect and provide Fault Management API. S-DSS- A The DDSRV CI shall collect and provide Fault Management API. S-DSS- A The ACMHW CI shall support collection interface interface of the MSS using a MSS provided Fault Management API.	<u>ce</u>
and security of Data Server CI hardware resources. S-DSS- A The SDSRV CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API. S-DSS- A The STMGT CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API. S-DSS- A The DDIST CI shall collect and provide Fault Management API. S-DSS- A The DDIST CI shall collect and provide Fault Management API. S-DSS- A The DDSRV CI shall collect and provide Fault Management API. S-DSS- A The DDSRV CI shall collect and provide Fault Management API. S-DSS- A The ACMHW CI shall support collection interface interface of the MSS using a MSS provided Fault Management API.	<u>ce</u>
S-DSS- A The SDSRV CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API.	<u>ce</u>
Fault Management data to the MSS using a MSS provided Fault Management API.	<u>ce</u>
Fault Management data to the MSS using a MSS provided Fault Management API.	<u>ce</u>
MSS provided Fault Management API.	
S-DSS- 00828 The STMGT CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API. S-DSS- 00841 The DDIST CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API. S-DSS- 00849 The DDSRV CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API. S-DSS- A The ACMHW CI shall support collection interface	
Fault Management data to the MSS using a MSS provided Fault Management API.	
MSS provided Fault Management API.	<u>ce</u>
S-DSS- A	<u>ce</u>
S-DSS- A The DDSRV CI shall collect and provide Eault Management API.	
MSS provided Fault Management API.	
S-DSS- A The DDSRV CI shall collect and provide Fault Management data to the MSS using a MSS provided Fault Management API. S-DSS- A The ACMHW CI shall support collection interface	
O0849 Fault Management data to the MSS using a MSS provided Fault Management API. S-DSS- A The ACMHW CI shall support collection interface	
MSS provided Fault Management API. S-DSS- A The ACMHW CI shall support collection interface	<u>se</u>
S-DSS- A The ACMHW CI shall support collection interface	
	<u>ce</u>
and maintenance for Fault Management,	
configuration, performance, accountability,	
and security of Data Server CI hardware	
resources.	
S-DSS- A The WKSHW CI shall support collection interface	<u>ce</u>
and maintenance for Fault Management,	
configuration, performance, accountability,	
and security of Data Server CI hardware	
<u>resources.</u>	
S-DSS- A The DRPHW CI shall support collection interface	<u>ce</u>
and maintenance for Fault Management,	
configuration, performance, accountability,	
and security of Data Server CI hardware	
resources.	
S-DSS- A The DIPHW CI shall support collection interface	ce
00834 and maintenance for Fault Management,	_
configuration, performance, accountability,	
and security of Data Server CI hardware	
resources.	
S-DSS- A The SDSRV CI shall collect and provide interface	ce
00821 Fault Management data to the MSS using a	<u></u>
MSS provided Fault Management API.	
S-DSS- A The STMGT CI shall collect and provide interface	
S-DSS- A The STMOT CI shan conect and provide Internal	<u>.e</u>
MSS provided Fault Management API. S DSS A The DDIST Clebral collect and gravide interfer	
S-DSS- A The DDIST CI shall collect and provide interface	<u> </u>
O0841 Fault Management data to the MSS using a MSS associated Fault Management API	
MSS provided Fault Management API.	
S-DSS- A The DDSRV CI shall collect and provide interface	<u>ce</u>
O0849 Fault Management data to the MSS using a	
MSS provided Fault Management API.	

Page 11			
S-DSS-	<u>B</u>	The SDSRV CI shall collect and provide	interface
00822		Configuration Management data to the	
		MSS using a MSS provided Configuration	
		Management API.	
S-DSS-	В	The SDSRV CI shall collect and provide	interface
00823		Accounting Management data to the MSS	<u>interrace</u>
00023		using a MSS provided Accounting	
		Management API.	
S-DSS-	В	The SDSRV CI shall collect and provide	interface
00824		Accountability Management data to the	merace
00024		MSS using a MSS provided Accountability	
		Management API.	
C DCC	D	The SDSRV CI shall collect and provide	interface
S-DSS-	<u>B</u>		<u>interrace</u>
00825		Performance Management data to the MSS	
		using a MSS provided Performance	
G 5 G G		Management API.	• • •
S-DSS-	<u>B</u>	The SDSRV CI shall collect and provide	<u>interface</u>
00826		Security Management data to the MSS	
		using a MSS provided Security	
		Management API.	
S-DSS-	<u>B</u>	The SDSRV CI shall collect and provide	<u>interface</u>
00827		Scheduling Management data to the MSS	
		using a MSS provided Scheduling	
		Management API.	
S-DSS-	<u>B</u>	The STMGT CI shall collect and provide	<u>interface</u>
00829		Configuration Management data to the	
		MSS using a MSS provided Configuration	
		Management API.	
S-DSS-	<u>B</u>	The STMGT CI shall collect and provide	interface
00835		Accounting Management data to the MSS	
		using a MSS provided Accounting	
		Management API.	
S-DSS-	В	The STMGT CI shall collect and provide	interface
00836		Accountability Management data to the	
		MSS using a MSS provided Accountability	
		Management API.	
S-DSS-	В	The STMGT CI shall collect and provide	interface
00837	_	Performance Management data to the MSS	
		using a MSS provided Performance	
		Management API.	
S-DSS-	В	The STMGT CI shall collect and provide	interface
00838		Security Management data to the MSS	
00050		using a MSS provided Security	
		Management API.	
S-DSS-	В	The STMGT CI shall collect and provide	interface
00839	-	Scheduling Management data to the MSS	menace
00037		using a MSS provided Scheduling	
		Management API.	
	1 1	ivianagement Al I.	

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S-DSS-	<u>B</u>	The DDIST CI shall collect and provide	interface
00842		Configuration Management data to the	
		MSS using a MSS provided Configuration	
		Management API.	
S-DSS-	В	The DDIST CI shall collect and provide	interface
00843		Accounting Management data to the MSS	<u>interrace</u>
00015		using a MSS provided Accounting	
		Management API.	
S-DSS-	В	The DDIST CI shall collect and provide	interface
00844	<u>P</u>	Accountability Management data to the	merrace
00844		MSS using a MSS provided Accountability	
		Management API.	
G DGG	D		·
S-DSS-	<u>B</u>	The DDIST CI shall collect and provide	<u>interface</u>
00845		Performance Management data to the MSS	
		using a MSS provided Performance	
		Management API.	
S-DSS-	<u>B</u>	The DDIST CI shall collect and provide	<u>interface</u>
<u>00846</u>		Security Management data to the MSS	
		using a MSS provided Security	
		Management API.	
S-DSS-	<u>B</u>	The DDIST CI shall collect and provide	interface
00847		Scheduling Management data to the MSS	
		using a MSS provided Scheduling	
		Management API.	
S-DSS-	<u>B</u>	The DDIST CI shall collect and provide	interface
00848		Distribution Management data to the MSS	
		using a MSS provided Distribution	
		Management API.	
S-DSS-	В	The DDSRV CI shall collect and provide	interface
00851		Configuration Management data to the	
		MSS using a MSS provided Configuration	
		Management API.	
S-DSS-	В	The DDSRV CI shall collect and provide	interface
00852		Accounting Management data to the MSS	
		using a MSS provided Accounting	
		Management API.	
S-DSS-	В	The DDSRV CI shall collect and provide	interface
00853		Accountability Management data to the	<u>imerace</u>
00000		MSS using a MSS provided Accountability	
		Management API.	
S-DSS-	В	The DDSRV CI shall collect and provide	interface
00854	=	Performance Management data to the MSS	<u> </u>
00054		using a MSS provided Performance	
		Management API.	
S-DSS-	В	The DDSRV CI shall collect and provide	interface
00855	📙	Security Management data to the MSS	menace
00000		using a MSS provided Security	
		Management API.	
ı	1 1	ivianagement API.	

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The DDSRV CI shall collect and provide Scheduling Management data to the MSS using a MSS provided Scheduling Management API. DSS- B
using a MSS provided Scheduling Management API. DSS- D171 The STGMT CI shall provide operations personnel with the capability to screen the archive holdings for lost volumes. DSS- C The STMGT CI shall initiate a medium recopy/refresh if the raw BER for the medium exceeds an operator selectable threshold. The Data Server shall distribute data in the approved ECS standard format in which it is stored. (i.e., HDF-EOS, V0 native, or Landsat 7 standard format.) DSS- B The SDSRV CI operations staff shall have interface
The STGMT CI shall provide operations personnel with the capability to screen the archive holdings for lost volumes. Functional
DISS- C The STMGT CI shall initiate a medium recopy/refresh if the raw BER for the medium exceeds an operator selectable threshold. The Data Server shall distribute data in the approved ECS standard format in which it is stored. (i.e., HDF-EOS, V0 native, or Landsat 7 standard format.) The SDSRV CI operations staff shall have Interface In
archive holdings for lost volumes.
The STMGT CI shall initiate a medium recopy/refresh if the raw BER for the medium exceeds an operator selectable threshold. The Data Server shall distribute data in the approved ECS standard format in which it is stored. (i.e., HDF-EOS, V0 native, or Landsat 7 standard format.) The SDSRV CI operations staff shall have Interface
Poss- B
medium exceeds an operator selectable threshold. The Data Server shall distribute data in the approved ECS standard format in which it is stored. (i.e., HDF-EOS, V0 native, or Landsat 7 standard format.) DSS- B The SDSRV CI operations staff shall have interface
threshold. DSS- A The Data Server shall distribute data in the approved ECS standard format in which it is stored. (i.e., HDF-EOS, V0 native, or Landsat 7 standard format.) DSS- B The SDSRV CI operations staff shall have interface
DSS- A The Data Server shall distribute data in the approved ECS standard format in which it is stored. (i.e., HDF-EOS, V0 native, or Landsat 7 standard format.) DSS- B The Data Server shall distribute data in the approved ECS standard format in which it is stored. (i.e., HDF-EOS, V0 native, or Landsat 7 standard format.) The SDSRV CI operations staff shall have interface
approved ECS standard format in which it is stored. (i.e., HDF-EOS, V0 native, or Landsat 7 standard format.) EOS and V0 native only
is stored. (i.e., HDF-EOS, V0 native, or Landsat 7 standard format.) DSS- B The SDSRV CI operations staff shall have interface
DSS- B The SDSRV CI operations staff shall have interface
1980 8759 the capability to receive from the SMC.
maintenance management directives.
DSS- B The SDSRV CI shall interface with the STMGT CI to provide storage for real EOS
instrument data to support pre-launch
instrument checkout.
DSS- B The SDSRV CI shall interface with the interface
0465 STMGT CI to provide storage for
simulated EOS instrument data to support
pre-launch instrument checkout.
DSS- B The SDSRV CI shall interface with the functional
8830 STMGT CI to provide storage for real EOS
instrument data-to-support pre-launch checkout of the ground system.
-DSS- B The SDSRV CI shall interface with the functional
1994 8831 STMGT CI to provide storage for
simulated EOS instrument data to support
pre-launch checkout of the ground system.
pre-raunch checkout of the ground system.
1 pre manen enconcut of the ground system.

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Table 3 - Links to be added between REQ_BY_REL and LEVEL_4

Table 3 - Links to be added between			
RbR ID	L4 ID		
IMS-1620#A	S-DSS-00821		
IMS-1620#B	S-DSS-00821		
IMS-1620#B	S-DSS-00822		
IMS-1620#B	S-DSS-00823		
IMS-1620#B	S-DSS-00824		
IMS-1620#B	S-DSS-00825		
IMS-1620#B	S-DSS-00826		
IMS-1620#B	S-DSS-00827		
DADS0901#A	S-DSS-00831		
DADS0901#A	S-DSS-00832		
DADS0901#A	S-DSS-00833		
DADS0901#A	S-DSS-00834		
DADS0901#A	S-DSS-00821		
DADS0901#A	S-DSS-00828		
DADS0901#A	S-DSS-00841		
DADS0901#A	S-DSS-00849		
DADS0901#B	S-DSS-00831		
DADS0901#B	S-DSS-00832		
DADS0901#B	S-DSS-00833		
DADS0901#B	S-DSS-00834		
DADS0901#B	S-DSS-00821		
DADS0901#B	S-DSS-00828		
DADS0901#B	S-DSS-00841		
DADS0901#B	S-DSS-00849		
DADS0901#B	S-DSS-00822		
DADS0901#B	S-DSS-00823		
DADS0901#B	S-DSS-00824		
DADS0901#B	S-DSS-00825		
DADS0901#B	S-DSS-00826		
DADS0901#B	S-DSS-00827		
DADS0901#B	S-DSS-00829		
DADS0901#B	S-DSS-00835		
DADS0901#B	S-DSS-00836		
DADS0901#B	S-DSS-00837		
DADS0901#B	S-DSS-00838		
DADS0901#B	S-DSS-00839		
DADS0901#B	S-DSS-00842		
DADS0901#B	S-DSS-00843		
DADS0901#B	S-DSS-00844		
DADS0901#B	S-DSS-00845		
DADS0901#B	S-DSS-00846		
DADS0901#B	S-DSS-00847		
DADS0901#B	S-DSS-00848		
DADS0901#B	S-DSS-00851		
DADS0901#B	S-DSS-00852		

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DADS0901#B	S-DSS-00853
DADS0901#B	S-DSS-00854
DADS0901#B	S-DSS-00855
DADS0901#B	S-DSS-00856
DADS1450#B	S-DSS-20171
DADS1450#C	S-DSS-20920
DADS1450#C	S-DSS-20925
DADS1450#C	S-DSS-20936
DADS1450#C	S-DSS-20960
DADS0760#A	S-DSS-30515
DADS0282#B	S-DSS-20462
DADS0281#B	S-DSS-20457
DADS0281#B	S-DSS-20465

Table 4 - Links to be deleted between REQ_BY_REL and LEVEL_4

RbR ID	L4 ID
DADS0210#B	S-DSS-03492
DADS0210#B	S-DSS-03494
DADS0210#B	S-DSS-04112
DADS0210#B	S-DSS-04114
DADS0210#B	S-DSS-20450
DADS0210#B	S-DSS-20455
DADS0210#B	S-DSS-20460
DADS0210#B	S-DSS-20462
DADS0210#B	S-DSS-03992
DADS0210#B	S-DSS-03994

Table 5 - Changes to REQ_BY_REL

RbR ID	RT	RbR Text	RbR	Interpretation
	M		Туре	
	key			
DADS1450		Each DADS shall be capable of	<u>functional</u>	
<u>#C</u>		screening its archive holdings of		
		Level 1A or Level 0 data, and if a		
		product(s) is found to be lost or		
		unreadable, generate a request for a		
		replacement product from EDOS,		
		dispatch the request, and ingest the		
		replacement product.		